

## Report of Analysis

Submission: 2004-001416-NYHB  
 Customer: Petro-Canada  
 Terminal: OSWEGO SPRAGUE NY  
 Vessel: HANNAH 3601  
 Reference:  
 Purchase Order:  
 Date Received: 11-Apr-04  
 Date Analyzed: 11-Apr-04  
 Date Reported: 12-Apr-04

SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPECTION REPORT/ANALYSIS.

Lab Reference : 2004-001416-NYHB-001			
Sample Designated As : Shore Tank #5 After Discharge Upper NO. 6 FUEL OIL			
Method	Test	Results	Units
D4052	API Gravity @ 60 Deg F	13.8	deg API
D4294	Sulfur	1.20	Wt %

Lab Reference : 2004-001416-NYHB-002			
Sample Designated As : Shore Tank #5 After Discharge Middle NO. 6 FUEL OIL			
Method	Test	Results	Units
D4052	API Gravity @ 60 Deg F	13.8	deg API
D4294	Sulfur	1.19	Wt %

Lab Reference : 2004-001416-NYHB-003			
Sample Designated As : Shore Tank #5 After Discharge Lower NO. 6 FUEL OIL			
Method	Test	Results	Units
D4052	API Gravity @ 60 Deg F	13.8	deg API
D4294	Sulfur	1.18	Wt %

Lab Reference : 2004-001416-NYHB-005			
Sample Designated As : Shore Tank #5 After Discharge Equal UML Composite NO. 6 FUEL OIL			
Method	Test	Results	Units
D4052	API Gravity @ 60 Deg F	13.8	deg API
D4294	Sulfur	1.18	Wt %
D93 method B	Corrected Flash Point	>200	deg F
D445 at 122 deg F	Kinematic Viscosity @ 122°F	325.7	cSt
D2161	Saybolt Furol Viscosity @ 122 °F	153.8	SFS
D97	Pour Point	9	deg C
D97	Pour Point	48	deg F
D1796	Sediment and Water	0.10	Vol %
D95	Water	<0.1	Vol %